

CLAIMS

1. A method for processing traffic call in a CDMA 1x system, wherein the system comprises a Base Transceiver System (BTS), which comprises an Operations Application (OA), a High-speed Transfer and Selector Block (HTSB), an ATM Switch Block (ASB), an ATM Traffic Block (ATB) and a Multi-rate Channel Card Assembly (MMCA), and a Base station Control System (BCS), which is coupled to a Call Control Processor (CCP) and wherein the method sets up a traffic path between the OA and the MMCA in response to a request for call setup being transferred from the BTS to the CCP, the method comprising the steps of:
  - 5 the ASB's receiving a request for traffic connection setup from the CCP;
  - the ASB's connecting a path of the OA and a path of the MMCA individually and independently; and
  - 10 the ASB's reporting completion of traffic setup to the CCP.
- 15 2. A method for processing traffic call in a CDMA 1x system, wherein the system comprises a Base Transceiver System (BTS), which comprises an Operations Application (OA), a High-speed Transfer and Selector Block (HTSB), an ATM Switch Block (ASB), an ATM Traffic Block (ATB) and a Multi-rate Channel Card Assembly (MMCA), and a Base station Control System (BCS), which is coupled to a Call Control Processor (CCP) and wherein the method releases a traffic path between the OA and the MMCA in response to a request for call release being transferred from the BTS to the CCP, the method comprising the steps of:
  - 20 the ASB's receiving a request for traffic release setup from the CCP;
  - the ASB's releasing a path of the OA and a path of the MMCA individually and independently; and
  - 25 the ASB's reporting completion of traffic release to the CCP.